OIPE
MAR 2 6 2007
PATENT & TRADEMARK OFFICE
IAP1

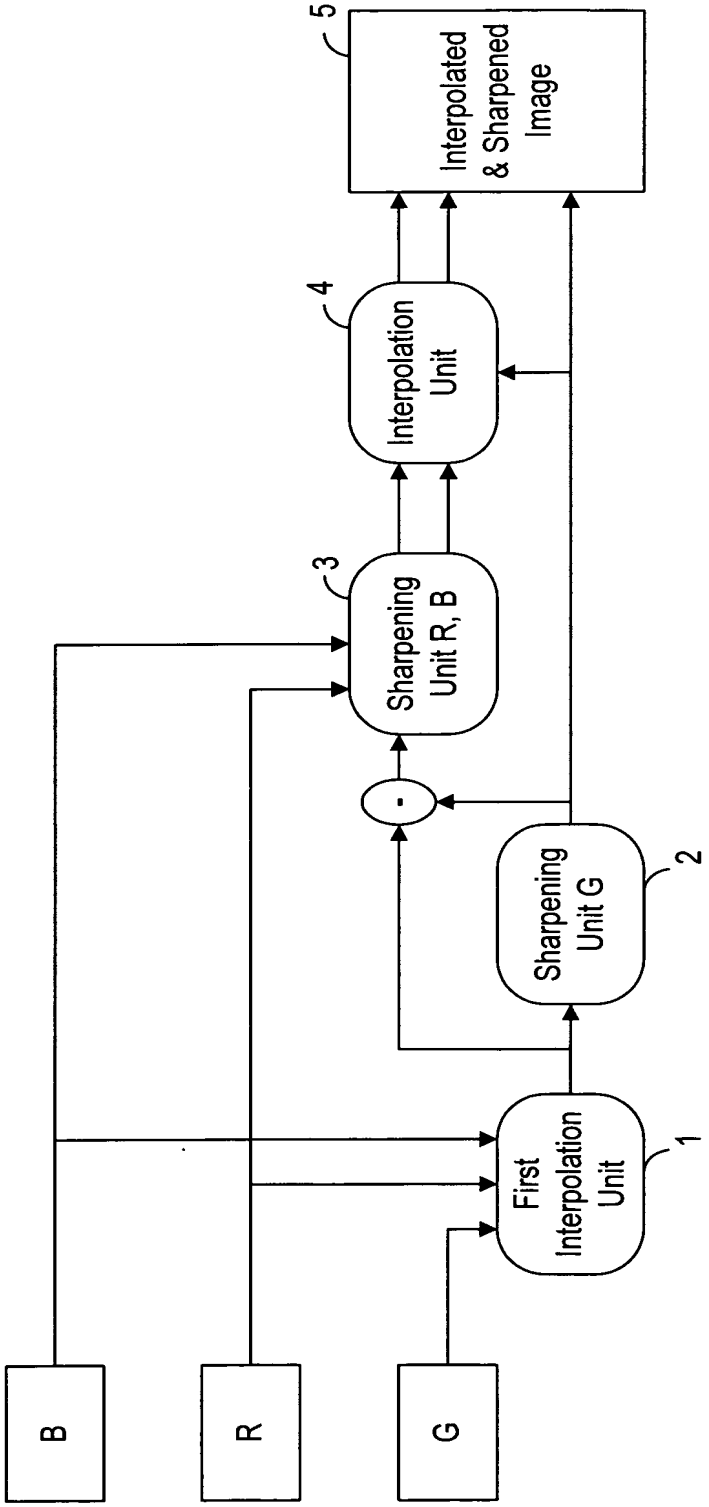

Fig 1.

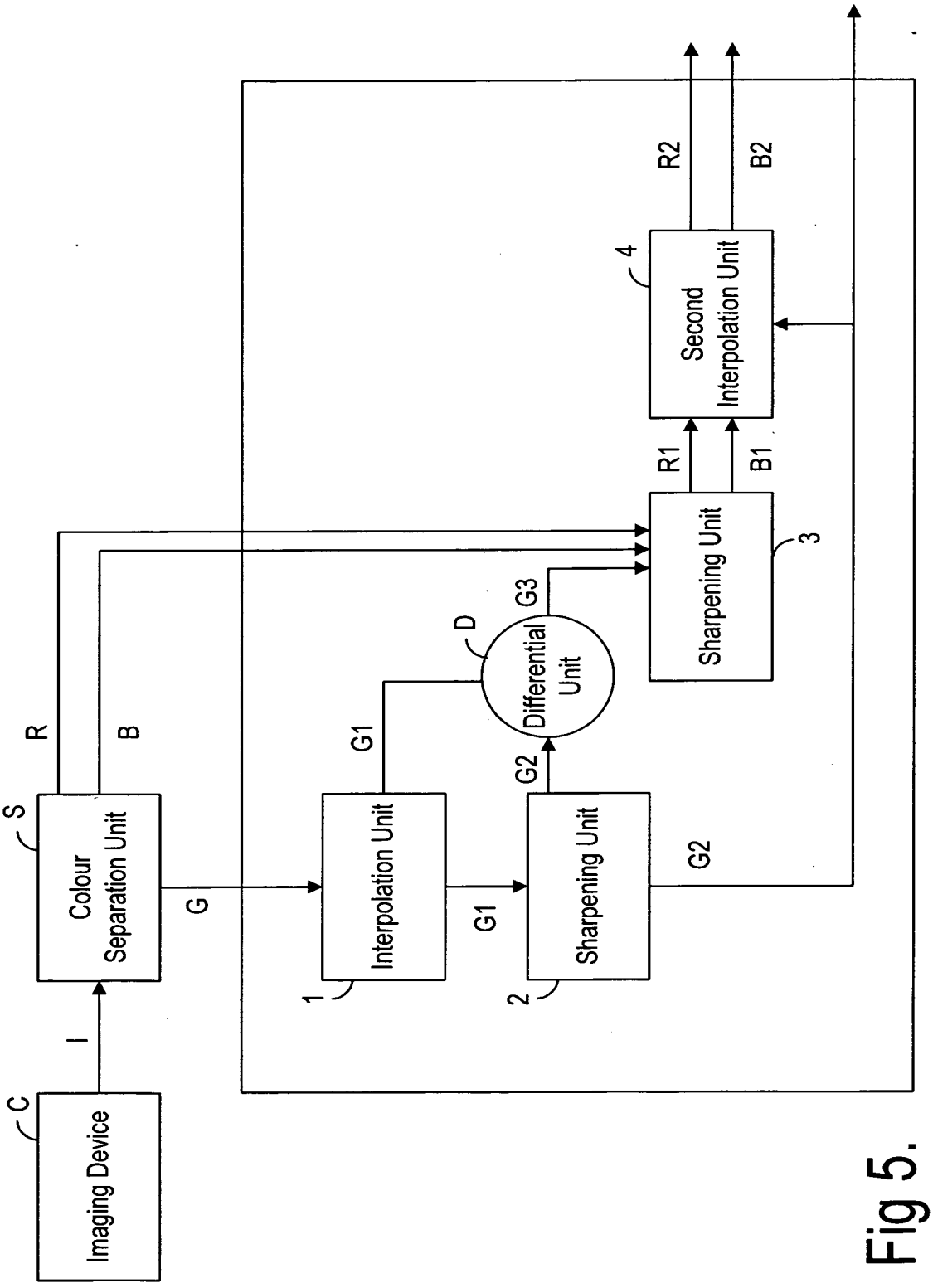
Imaging Device
C
I
Colour Separation Unit
S
R
B
G
Interpolation Unit
1
G1
Sharpening Unit
2
G2
Differential Unit
D
G3
Sharpening Unit
3
R1
B1
Second Interpolation Unit
4
R2
B2
G2

Fig 5.

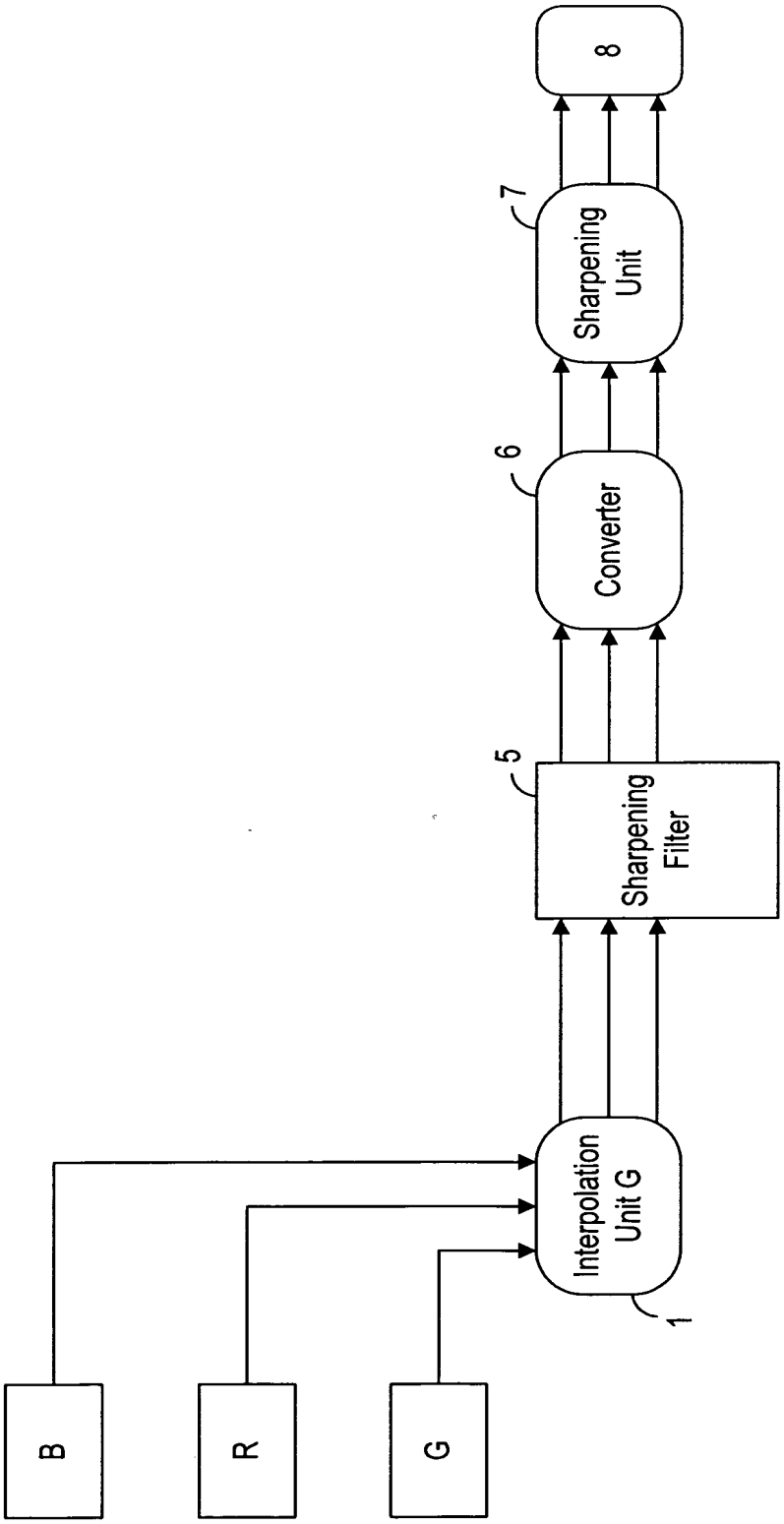
B
R
G
Interpolation Unit G
1
Sharpening Filter
5
Converter
6
Sharpening Unit
7
8

Fig 11.